

Western Electric Co., Incorporated,  
Equipment Engineering Branch, Hawthorne.

( 1 Pages, Page 1)  
Issue 3 BT 431449  
June 13, 1923. (\*)

METHOD OF OPERATION  
SIGNAL CIRCUIT

Tell Tale for use with Line Finders - Panel Machine Switching System.

DEVELOPMENT.

1. PURPOSE OF CIRCUIT

- 1.1 This circuit is used with a line finder circuit to give a visible signal when the selector goes to tell-tale.

2. WORKING LIMITS

- 2.1 None.

OPERATION

3. PRINCIPAL FUNCTIONS

- 3.1 To give a visible alarm at the selector frame when a line finder goes to the tell-tale, position.

4. CONNECTING CIRCUITS

- 4.1 This circuit functions with any standard panel line finder circuit.

DETAILED DESCRIPTION

5. If a line finder selector travels to tell-tale, a circuit is closed from ground in the associated line finder circuit through the (TT) relay to battery, operating the (TT) relay. The operation of the (TT) relay operates the (D) relay, which in turn operates the (C) relay. The (C) relay operated, locks to ground on the armature of the (TT) relay, and release the (D) relay. The release of the (D) relay lights the TT lamp and operates a relay in the Line Finder Time alarm circuit, (not shown on this drawing), thereby lighting an aisle pilot lamp and a lamp on the main alarm board. The (D) relay is made slow in releasing to prevent opening of the circuit over which the (C) relay operates until the (C) relay has operated and locked.

ENG: A.G.V.

Checked by: J.I.

Approved: H.L. Moynes  
E.R.C.

7/31/24  
F.G.H.